

Title (en)
SYSTEM FOR GAZE INTERACTION

Title (de)
SYSTEM FÜR BLICKINTERAKTION

Title (fr)
SYSTÈME POUR INTERACTION DU REGARD

Publication
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Application
EP 12812924 A 20121217

Priority

- US 201261583013 P 20120104
- US 201213646299 A 20121005
- EP 2012075767 W 20121217

Abstract (en)
[origin: US2013169560A1] A method and system for assisting a user when interacting with a graphical user interface combines gaze based input with gesture based user commands. A user of a computer system without a traditional touch-screen can interact with graphical user interfaces in a touch-screen like manner using a combination of gaze based input and gesture based user commands. A solution for touch-screen like interaction uses gaze input and gesture based input as a complement or an alternative to touch-screen interactions with a computer device having a touch-screen. Combined gaze and gesture based interaction with graphical user interfaces can be used to achieve a touchscreen like environment in computer systems without a traditional touchscreen or in computer systems having a touchscreen arranged ergonomically unfavourable for the user or a touchscreen arranged such that it is more comfortable for the user to use gesture and gaze for the interaction than the touchscreen.

IPC 8 full level
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B60K 35/10 (2024.01 - EP US); **G02B 27/01** (2013.01 - CN EP US); **G02B 27/017** (2013.01 - EP US); **G02B 27/0189** (2013.01 - KR); **G06F 1/1613** (2013.01 - EP US); **G06F 1/1694** (2013.01 - KR); **G06F 3/013** (2013.01 - CN EP KR US); **G06F 3/014** (2013.01 - CN EP US); **G06F 3/017** (2013.01 - CN EP KR US); **G06F 3/0488** (2013.01 - US); **G06F 3/04883** (2013.01 - CN EP KR US); **B60K 35/23** (2024.01 - US); **B60K 2360/1468** (2024.01 - US); **G02B 2027/014** (2013.01 - CN EP US); **G02B 2027/0187** (2013.01 - CN EP US); **G06F 2203/0381** (2013.01 - CN EP US)

Cited by
WO2020019231A1; WO2021147897A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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US 10013053 B2 20180703; **US 2013169560 A1 20130704**; CA 2860381 A1 20130711; CN 104145232 A 20141112; CN 104145232 B 20170922; CN 107368191 A 20171121; CN 107368191 B 20200925; EP 2801009 A1 20141112; EP 2801009 B1 20191002; ES 2761198 T3 20200519; KR 20140117469 A 20141007; US 10324528 B2 20190618; US 11573631 B2 20230207; US 2018335838 A1 20181122; US 2020174561 A1 20200604; US 2021255700 A1 20210819; WO 2013102551 A1 20130711

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